BRUHATH BANGALORE MAHANAGARA PALIKE

SCHEDULE - B

Name of Work : Improvements and asphalting of S. Ramesh Road to Kaliyamma Temple & temple opp Road in Dasarahalli Ward no. 15

Sl. No	Description	Unit	Qty	Approved Rates	
				In Figs	In Words
1	Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications. – do – Hard soil	Cum	238.80	177.12	Rupees one hundred seventy seven and twelve paise only
2	Construction of granular sub-base by providing close graded material, mixing in a mechaical mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, omplete as per specifications. A. Plant Mix Method. For Grading I Material	Cum	89.55	1060.56	Rupees one thousand sixty and fifty six paise only
3	Providing, laying, spreading and compacting graded stones aggregate to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications.	Cum	119.04	1121.04	Rupees One thousand one hundred and twenty one and zero four paise only
4	Providing and applying primer coat with bitumen emulsion on prepared surface of granular base including clearing of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications.	Sqm	597.00	44.28	Rupees forty four and twenty eight paise only
5	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications.	Sqm	1910.40	2.59	Rupees two and fifty nine paise only

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EXECUTIVE ENGINEER-4
KRIDL, BBMP, DIVISION,
BANGALORE-560 010

6	Filling Pot-holes and Patch Repairs with Bituminous Concrete, 40 mm KSRRB M3000-5. Removal of all failed material, trimming of completed excavation to provide firm vertical faces, cleaning of surface, painting of tack coat on the sides and base of excavation as per clause 500.3, back filling the pot holes with hot bituminous material as per clause 500.4, compacting, trimming and finishing the surface to form a smooth continuous surface, all as per clause 3004.2 complete as per specifications	Sqm	95.52	410.40	Rupees four hundred ten and forty paise only
7	Tack Coat:- Providing and applying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.20 kg per sqm on the prepared bituminous/granular surface cleaned with mechancial broom. complete as per specifications. Using Bitumen Emulsiion	Sqm	2507.40	17.93	Rupees seventeen and ninety three paise only
8	Providing and laying bituminous macadam on prepared surface with crushed coarse aggregates as per design mix formula for base / binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant 40 tonne capacity, transporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve the desired density, 50 /75mm compacted thickness with 3.3% bitumen but excluding cost of primer / tack coat with lead upto 1km including cost of all materials, labour, HOM of machineries complete as per specifications.With 80/100 grade bitumen	Cum	33.50	6733.80	Rupees six thousand seven hundred thirty three and eighty paise only
9	Providing and laying bituminous concrete with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 5.4 to 5.6% of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 500.8 complete in all respects as per specifications.30-45mm compacted thickness (Grading II) with 6% Bitumen 60/70	Cum	100.30	11452.32	Rupees eleven thousand four hundred fifty two and thirty two paise only

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10	Carriage of mixed materials	Cum	133.80	52.11	Rupees Fifty two and eleven paise only
11	Disposal of debries to the final place of disposal with all lead and lift and as direction by the Engineer in charge of the work, lead 10 Kms a) Basic rate for haulage of materials as per item No.17.4 etc Rs. 2.00 Tonne/km b) Average earth of work 1.28 Tonne/km for Rs. 2.00/km. c) Add loading and unloading	Cum	210.00	78.24	Rupees seventy eight and twenty four paise only

EXECUTIVE ENGINEER
Bruhat Bangalore Mahanagara Palike
Dasarahalli Division, Bangalore-560057

Signature of the Contractor

EXECUTIVE ENGINEER
KRIDL, BBMP, DIVISION,
BANGALORE-560 057

Executive Engineer
Dasarahalli Division